

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	((GALILEO) near2 (DESTURA)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/01 09:56
S2	23	((HJALMAR) near2 (HUIITEMA)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/01 09:56
S3	14	((("MARTINUS HERMANUS WILHELMUS") near2 ("VAN DELDEN")).INV.	US-PGPUB; USPAT	OR	ON	2008/10/01 09:56
S4	16	((JOZEF) near2 ("VAN BEEK")).INV.	US-PGPUB; USPAT	OR	ON	2008/10/01 09:56
S5	7	((("ANTONIUS LUCIEN") near2 (KEMMEREN)).INV.	US-PGPUB; USPAT	OR	ON	2008/10/01 09:57
S6	4389	345/173.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/01 09:57
S7	3587	(touch near1 (panel or screen)) same (display) same (back behind)	US-PGPUB; USPAT	OR	ON	2008/10/01 10:08
S8	145	(touch near1 (panel or screen)) same (display) same (back behind) same conductive	US-PGPUB; USPAT	OR	ON	2008/10/01 10:08
S9	37	S8 and S6	US-PGPUB; USPAT	OR	ON	2008/10/01 10:09
S10	28	("4143103"   "4398804"   "4527862"   "4723836"   "5623280").PN. OR ("5907375").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/01 10:16
S11	2	piezoelectric and mem and (active near1 matrix) and S6	US-PGPUB; USPAT	OR	ON	2008/10/01 11:16
S12	6	mem and (active near1 matrix) and S6	US-PGPUB; USPAT	OR	ON	2008/10/01 11:20
S13	89	mem and S6	US-PGPUB; USPAT	OR	ON	2008/10/01 11:21
S14	14	piezoelectric and (active near1 matrix) and S6	US-PGPUB; USPAT	OR	ON	2008/10/01 12:03
S15	6	mem and (active near1 matrix) and S6	US-PGPUB; USPAT	OR	ON	2008/10/01 13:44
S16	28	("4143103"   "4398804"   "4527862"   "4723836"   "5623280").PN. OR ("5907375").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 12:57
S17	44	("3846580"   "4061418"   "4126383"   "4451698"   "4497977").PN. OR ("4723836").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 12:57
S18	1	10/564920	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 12:57

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S19	4827	345/173.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 12:59
S20	5523	345/170-173.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 12:59
S21	33	"6035180"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 12:59
S22	50	("4608457"   "4613793"   "4614668"   "4665342"   "4758830"   "5008579"   "5097396"   "5124610"   "5149923"   "5235232"   "5384459"   "5397867"   "5405710"   "5510782"   "5739180"   "5773931"   "5814417"   "5877695"   "5902688").PN. OR ("6035180").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 12:59
S23	19	("4532395"   "4878107"   "5239152"   "5471023"   "5521345"   "5573107"   "5594222"   "5607048"   "5747756"   "5856646"   "5900599"   "5901834"   "5917165"   "6035180"   "6100478"   "6234651"   "6310611"   "6320282"   "7030513").PN. OR ("7361860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 13:01
S24	28	("4143103"   "4398804"   "4527862"   "4723836"   "5623280").PN. OR ("5907375").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 13:16
S25	666	plural\$4 same simultaneous same touch\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 13:21
S26	162	plural\$4 same simultaneous same touch\$4 and (touch near1 (screen or panel))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 13:21
S27	1	"10564920"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 13:24
S28	305	(touch near1 (screen or panel)) and (sense near1 amplifier)	US-PGPUB; USPAT	OR	ON	2009/03/20 13:29
S29	13	(touch near1 (screen or panel)) and (sense near1 amplifier) and 345/170-173.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/20 13:30
S30	496	charge near1 sensitive near1 amplifier	US-PGPUB; USPAT	OR	ON	2009/03/20 13:33
S31	7	charge near1 sensitive near1 amplifier and 345/170-173.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/20 13:33
S32	1	10/564920	US-PGPUB; USPAT	OR	ON	2009/03/20 13:37
S33	2	buffer near1 amplifier and sense near1 amplifier	US-PGPUB; USPAT	OR	ON	2009/03/20 13:39
S34	0	row near1 amplifier and sense near1 amplifier	US-PGPUB; USPAT	OR	ON	2009/03/20 13:41

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S35	0	row near1 amplifier and amplifier	US-PGPUB; USPAT	OR	ON	2009/03/20 13:41
S36	932	row near1 amplifier and amplifier	US-PGPUB; USPAT	OR	ON	2009/03/20 13:41
S37	957	buffer near1 amplifier and sense near1 amplifier	US-PGPUB; USPAT	OR	ON	2009/03/20 13:41
S38	1	buffer near1 amplifier and sense near1 amplifier and 345/170-173.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/20 13:42
S39	15	buffer near1 amplifier and sense near1 amplifier and (touch near1 (screen or panel))	US-PGPUB; USPAT	OR	ON	2009/03/20 13:42
S40	32	piezoelectric same amplifier and 345/170-173.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/20 13:47
S41	57	(touch near1 (screen or panel)) and mem near1 switch	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 14:26
S42	4	(touch near1 (screen or panel)) and mem near1 switch and 345/170-173.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 14:27
S43	6	(touch near1 (screen or panel)) and mem near1 switch and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 14:29
S44	114	(touch near1 (screen or panel)) and mem and "345"/\$5.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 14:37
S45	31	(touch near1 (screen or panel)) and mem and "345"/170-173.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 14:37
S46	57	(touch near1 (screen or panel)) and mem near1 switch	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 14:39
S47	2	(touch near1 (screen or panel)) same mem near1 switch	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 14:39
S48	87	simultaneous near1 touch and 345/170-173. ccls.	US-PGPUB; USPAT	OR	ON	2009/03/20 14:59
S49	29	simultaneous near1 touch and 345/170-173. ccls. and capacitance	US-PGPUB; USPAT	OR	ON	2009/03/20 15:01
S50	31	pressure near1 sensor same mem near1 switch	US-PGPUB; USPAT	OR	ON	2009/03/20 15:11
S51	0	pressure near1 sensor same mem near1 switch and (touch near1 (screen or panel))	US-PGPUB; USPAT	OR	ON	2009/03/20 15:12
S52	0	pressure near1 sensor same mem near1 switch and 345/170-173.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/20 15:12
S53	1	pressure same mem near1 switch and 345/170-173.ccls.	US-PGPUB; USPAT	OR	ON	2009/03/20 15:13

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S54	1	pressure same mem near1 switch and (touch near1 (screen or panel))	US-PGPUB; USPAT	OR	ON	2009/03/20 15:13
S55	28	("4143103"   "4398804"   "4527862"   "4723836"   "5623280").PN. OR ("5907375").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:14
S56	4	("4825212"   "5329070"   "5591945").PN. OR ("5852433").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:14
S57	60	("3673327"   "4295214"   "4642423"   "4644100"   "4645870"   "4700176"   "4746914"   "4791416"   "5072427"   "5162618"   "5177327"   "5243148"   "5329070"   "Re33151").PN. OR ("5591945").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:14
S58	4477	mem near1 switch	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:50
S59	57	mem near1 switch and (touch near1 (screen or panel))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:50
S60	1769	mem and (touch near1 (screen or panel))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:52
S61	31	mem and (touch near1 (screen or panel)) and 345/170-173.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:53
S62	521	mem and (touch near1 (screen or panel)) and piezoelectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:54
S63	178	mem same piezoelectric and (touch near1 (screen or panel))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:54
S64	4541	mem same piezoelectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:56
S65	956	mem same piezoelectric same pressure	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:57
S66	34	mem same piezoelectric same pressure and (touch near1 (screen or panel))	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:58
S67	956	mem same piezoelectric same pressure	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 15:59
S68	15	mem same touch near1 panel	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 16:07

## EAST Search History (Prior Art)

S69	10	"6535091"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 16:10
S70	12	grant near1 sitta	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 16:40
S71	1	11/487384	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 17:37
S72	1	11/487998	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 17:44
S73	0	11/489027	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 17:47
S74	0	11/489027	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/20 17:48
S75	54	"6327000"	US-PGPUB; USPAT	OR	ON	2009/03/30 09:08
S76	1	10/977057	US-PGPUB; USPAT	OR	ON	2009/03/30 09:23
S77	1	10/946608	US-PGPUB; USPAT	OR	ON	2009/03/30 11:23
S78	1	11/318583	US-PGPUB; USPAT	OR	ON	2009/03/30 12:24
S79	21	((GALILEO) near2 (DESTURA)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/30 09:36
S80	31	((HJALMAR) near2 (HUI TE MA)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/30 09:36
S81	41	((MARTINUS) near2 ("VAN DELDEN")).INV.	US-PGPUB; USPAT	OR	ON	2009/12/30 09:36
S82	12	((ANTONIUS) near2 (KEMMEREN)).INV.	US-PGPUB; USPAT	OR	ON	2009/12/30 09:37
S83	23	((JOZEF) near2 ("VAN BEEK")).INV.	US-PGPUB; USPAT	OR	ON	2009/12/30 09:37
S84	1	"10564920"	US-PGPUB; USPAT	OR	ON	2009/12/30 09:39
S85	26	"5907375"	US-PGPUB; USPAT	OR	ON	2009/12/30 09:44

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S86	152	("2219497"   "3128458"   "3207905"   "3244369"   "3401470"   "3437795"   "3482241"   "3492440"   "3493791"   "3497617"   "3497966"   "3516176"   "3522664"   "3530310"   "3543056"   "3549909"   "3593115"   "3598903"   "3662378"   "3675239"   "3683371"   "3696409"   "3732389"   "3737670"   "3757322"   "3760392"   "3773989"   "3875331"   "3921166"   "3931610"   "3932862"   "3974332"   "3992579"   "3999012"   "4056699"   "4058765"   "4071691"   "4087625"   "4103252"   "4129747"   "4148014"   "4177354"   "4177421"   "4198539"   "4221975"   "4224615"   "4246452"   "4257117"   "4264903"   "4281323"   "4290052"   "4290061"   "4291303"   "4293734"   "4302011"   "4310839"   "4313113"   "4334219"   "4371746"   "4398181"   "4423286"   "4430917"   "4442317"   "4455452"   "4475235"   "4476463"   "4511760"   "4516112"   "4526043"   "4550221"   "4550310"   "4554409"   "4570149"   "4582955"   "4595913"   "4616107"   "4639720"   "4672154"   "4680430"   "4686332"   "4698461"   "4733222"   "4734685"   "4736191"   "4758690"   "4766423"   "4788385"   "4794208"   "4820886"   "4853498"   "4914624"   "4918262"   "4922061"   "4935728"   "4988982"   "5016008"   "5117071"   "5120907"   "5149919"   "5153572"   "5194862"   "5231450"   "5239140"   "5270711"   "5327161"   "5365254"   "5369227"   "5373118"   "5374787"   "5386219"   "5408593"   "Re23030").PN. OR ("5841078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/30 09:54
S87	6531	differential near2 switch	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/30 10:55
S88	5	differential near2 switch and (345/173.cds.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/30 10:55
S89	26	("20030079921"   "20030098858"   "20030122795"   "20030188899"   "20040105040"   "4398720"   "4541633"   "4686332"   "4788386"   "4817034"   "5129654"   "5365461"   "5381160"   "5402151"   "5528002"   "5793360"   "5853327"   "5854881"   "6005555"   "6037882"   "6133906"   "6220594"   "6570557"   "6583676"   "6611258"   "6667740").PN. OR ("7292229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/30 11:02

### EAST Search History (Prior Art)

S90	1	10/564920	US-PGPUB; USPAT	OR	ON	2009/12/30 12:16
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### EAST Search History (Interference)

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